



# CHLOR RID International, Inc.

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## **HOLD\*BLAST™** **SURFACE PASSIVATOR** **Directions**

### **The objective of this product is to prevent flash rust through surface passivation**

Apply HOLD\*BLAST™ in a dilution of 1:50 with potable water directly onto the substrate (1 part HOLD\*BLAST to 50 parts water). A sufficient amount of the product must be applied uniformly across the substrate to thoroughly wet the surface, with no areas missed. This may be accomplished through various methods, such as pressure washing, airless sprayer, conventional sprayer, UHP water jetting, wet abrasive, or mist/vapor blasting.

Dilution may possibly be increased with good quality water and/or low soluble salt contamination levels. On vertical surfaces, it is recommended to start at the top and progress downwards. With wet abrasive, slurry, or vapor/mist blasting, it is recommended that surfaces be rinsed with the diluted HOLD\*BLAST solution with the abrasive valve shut off for removing any particulate matter from the surface. After the substrate has been thoroughly washed it should be allowed to dry, or be dried, prior to coating application. Remove any excess or ponded water by use of compressed air, squeegee, or other means.

Poorer quality water can often be used but will require a higher concentration of HOLD\*BLAST. Water quality, salt contamination levels, humidity, and temperature are all variables that can affect dilution rates and results.

Test on a small area and adjust the dilution rate until the desired results are obtained. It is highly recommended that a minimum of a 1500 psi pressure washer be used. This is to ensure "driving" the solution into the profile of the surface.

Typical time for "holding the blast" is approximately 72 hours or longer. Wetting of the surface with rain, dew, or condensation will cause the surface to rust. In highly humid environments, when surfaces are contaminated with low salt levels, the 1:50 dilution should be sufficient. In low humidity and low salt levels the dilution ratio may be extended.

Before application of HOLD\*BLAST, surfaces should always be tested to ensure soluble salt limits are at a specified or acceptable level. (Testing after the application will mask the presence of surface salts under the passivation layer). High levels of soluble salts will cause premature coating failure and degradation of the substrate. Test for levels of chloride with the standard CHLOR\*TEST kit. Test for levels of chloride, sulfate, and nitrate with the CHLOR\*TEST 'CSN' kit. Both kits offer the highest degree of accuracy and are the easiest to use of any complete field test kit available.

This product leaves no chemical residue, is biodegradable, non-hazardous, and is a safe and effective alternative to hazardous chemical rust inhibitors. HOLD\*BLAST treated surfaces do not need to be rinsed; merely remove any excess spent wash water.

**WARRANTY:** CHLOR\*RID International Inc. warrants this product to be identical in chemical and physical properties from batch to batch within the specification limits of the raw materials used in its manufacture.

**SAFETY PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN. Do not mix with other chemicals. See S.D.S. for full precautions before use. This product is intended for professional use only.

**Contact CHLOR RID International, Inc. for additional recommendations.**

PLEASE NOTE: As each customer's use of our product may be different, information we provide, including without limitation, recommendations, test results, samples, care/labeling/processing instructions or marketing advice, is provided in good faith but without warranty and without accepting any responsibility/liability. Each customer must test and be responsible for its own specific use, further processing, labeling, marketing, etc. All sales are exclusively subject to our standard terms of sale posted at [www.milliken.com/terms](http://www.milliken.com/terms) (all additional/different terms are rejected) unless explicitly agreed otherwise in a signed writing.